anticancer lipid (AEL)

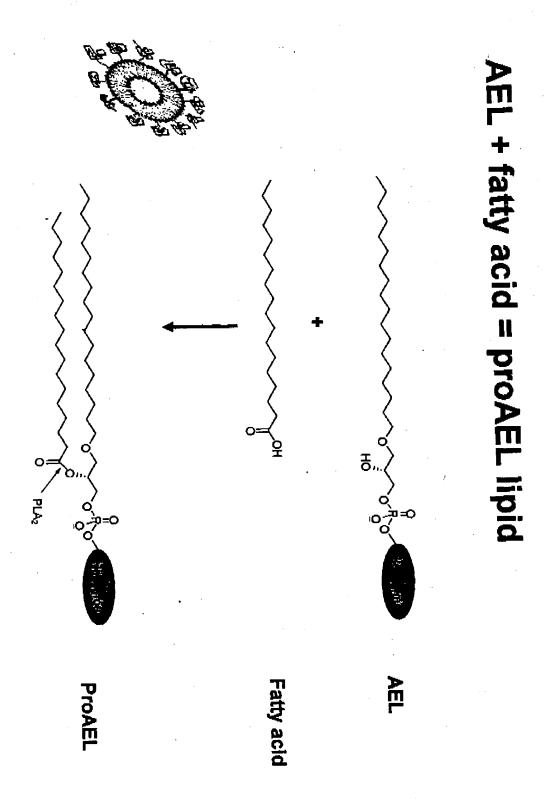
(prodrug)

proAELs form

lipid bilayers

prodrug of anticancer lipid (proAEL) extracellular phospholipase A2 (PLA2)

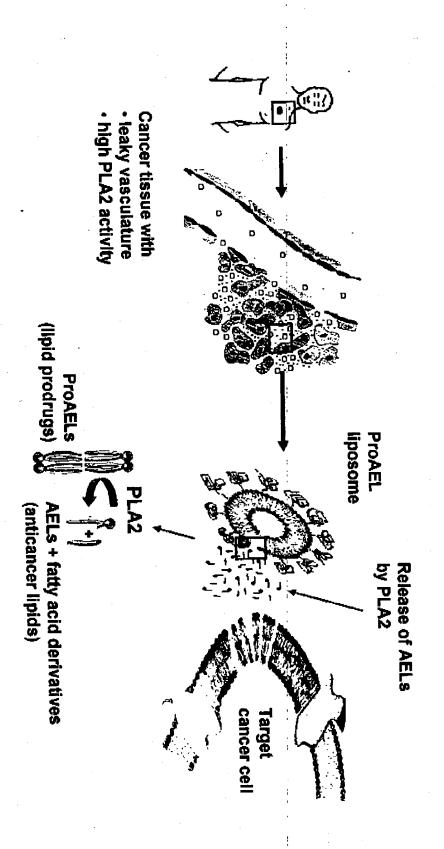
AEL iposomal prodrug principle – activation of AELs tumor tissue by PLA2 fatty acid severe hemolysis and death i.v. injection of **AELs causes** proAEL i. v. injection of proAEL no hemolysisi liposomes extracellular PLA2 activity in tumor release of AELs by high AEL + fatty acid proAEL lipid bilayers form liposomes



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PLA2 triggers AEL release in tumor tissue AEL Fatty acid

umor specific delivery of AELs by PLA2



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umor specific delivery of AELs by PLA2

